AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in this application.

LISTING OF CLAIMS:

1. (Original) An image forming apparatus comprising:

a printer forming an image on a printing medium;

a first power supply supplying electric power to said printer;

an interface communicating with an external communication terminal;

a detector detecting a change in status in said image forming apparatus;

a second power supply supplying electric power to said interface and said detector; and

a controller,

said controller being provided to control said first power supply and said second power supply and

while said first power supply is turned off and said second power supply is turned on, said controller transmitting a result of detection by said detector to said communication terminal via a network.

2. (Original) The image forming apparatus according to claim 1, wherein said controller transmits said result of detection upon request from said communication terminal.

3. (Original) The image forming apparatus according to claim 1, wherein

said controller is provided to turn on said first power supply upon receiving a print job from said communication terminal.

4. (Original) The image forming apparatus according to claim 1, wherein said printer includes

a photoreceptor forming an electrostatic latent image,

a development unit forming a toner image on said photoreceptor, a transfer unit transferring said toner image onto the printing medium, and

a fuser fixing said toner image on said printing medium, and

said detector includes at least one of

a fusing temperature detector detecting a fusing temperature,

a moisture detector detecting moisture of said printing medium,

a remaining-amount detector detecting a remaining amount of said printing medium,

a photoreceptor sensitivity detector detecting sensitivity of said photoreceptor, and

a transport position detector detecting a position where said printing medium is transported.

5. (Original) The image forming apparatus according to claim 1, wherein said detector detects a plurality of statuses and said detector includes a plurality of detector units provided respectively for said statuses.

6. (Original) The image forming apparatus according to claim 5, wherein said plurality of detector units are individually switched between an energized state and a deenergized state.

7. (Original) The image forming apparatus according to claim 6, wherein said second power supply includes power supply units provided respectively for said plurality of detector units.

8. (Original) The image forming apparatus according to claim 6, wherein said second power supply further includes switches respectively switching said plurality of detector units between the energized state and the deenergized state.

9. (Currently Amended) An image forming apparatus comprising:

a printer forming an image on a printing medium;

a first power supply supplying electric power to said printer;

an interface communicating with an external communication terminal;

a detector detecting a change in status in said image forming apparatus;

a second ~~third~~ power supply supplying electric power to said detector;

a third ~~fourth~~ power supply supplying electric power to said interface; and

a controller,

said controller being provided to control said first power supply, said second ~~third~~ power supply and said third ~~fourth~~ power supply, and

while said first power supply and said second ~~third~~ power supply are turned off and said third ~~fourth~~ power supply is turned on, said controller turning on said second ~~third~~ power supply upon request from said communication terminal.

10. (Currently Amended) The image forming apparatus according to claim 9, further comprising a storage unit storing a result of detection by said detector, wherein

said controller stores said result of detection in said storage unit when said second ~~third~~ power supply is turned off and transmits said result of detection stored in said storage unit upon request from said communication terminal.

11. (Original) The image forming apparatus according to claim 10, further comprising a clock starting clocking after said first power supply is turned off, wherein

upon request from said communication terminal, a value to be replied upon the request is determined based on said result of detection stored in said storage unit and time clocked by said clock.

12. (Original) A method of controlling an image forming apparatus,

said image forming apparatus including:

a printer forming an image on a printing medium;

a first power supply supplying electric power to said printer; an interface communicating with an external communication terminal;

a detector detecting a change in status in said image forming apparatus;

a second power supply supplying electric power to said interface and said detector; and

a controller controlling said first power supply and said second power supply, and

said method comprising:

a power-supply control step of making a transition of said first power supply from a turned-on state to a turned-off state;

a detection step of detecting by said detector a change in status in said image forming apparatus; and

a transmission step of transmitting a result of detection to the communication terminal.

13. (Original) The method of controlling an image forming apparatus according to claim 12, wherein

in said transmission step, the result of detection is transmitted upon request from said communication terminal.

14. (Original) The method of controlling an image forming apparatus according to claim 12, further comprising the step of turning on said first power supply upon receiving a print job from said communication terminal.

15. (Original) The method of controlling an image forming apparatus according to claim 12, wherein

said printer includes;

a photoreceptor forming an electrostatic latent image,

a development unit forming a toner image on said photoreceptor,

a transfer unit transferring said toner image onto the printing medium, and

a fuser fixing said toner image on said printing medium, and

said detector detects at least one of

temperature of a fusing roller,

moisture of said printing medium,

remaining amount of said printing medium,

sensitivity of said photoreceptor and

position where said printing medium is transported.

16. (Original) The method of controlling an image forming apparatus according to claim 12, wherein

a plurality of statuses in said image forming apparatus are detected, and

in said detection step, a plurality of detector units provided respectively for said plurality of statuses detect a change in status.

17. (Original) The method of controlling an image forming apparatus according to claim 12, wherein

a plurality of statuses in said image forming apparatus are detected, and, said method further comprises the steps of:

detecting a change in status by a plurality of detector units provided respectively for said plurality of statuses; and

selecting a detector unit from said plurality of detector units according to a request from said communication terminal and energizing the selected detector unit.

18. (Original) The method of controlling an image forming apparatus according to claim 12, wherein

said second power supply includes a power supply supplying electric power to said detector and a power supply supplying electric power to said interface, and

said method further comprises the step of, while said first power supply and said power supply to said detector are turned off and said power supply to said interface is turned on, turning on said power supply to said detector by said controller upon request from said communication terminal.

19. (Original) The method of controlling an image forming apparatus according to claim 18, further comprising the steps of:

storing the result of detection in a storage unit provided to said image forming apparatus when the power supply to said detector is turned off; and

transmitting the result of detection stored in said storage unit upon request from said communication terminal.

20. (Original) The method of controlling an image forming apparatus according to claim 19, further comprising the steps of:

starting clocking after said first power supply is turned off; and

determining, upon request from said communication terminal, a value to be transmitted to said communication terminal based on the result of detection stored in said storage unit and time obtained by clocking.